

RECEIPT  
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PATENT IN01159K1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Saksena *et al*

Application No.: 10/052,386

Filed: January 18, 2002

For:

**NOVEL PEPTIDES AS NS3-SERINE  
PROTEASE INHIBITORS OF  
HEPATITIS C VIRUS**



) Examiner: To Be Assigned

) Group Art Unit: 1653

Assistant Commissioner For Patents

Attention: Customer Service Center- Initial Patent Examination Division  
Washington, D.C. 20231

**MISSING PARTS AND CORRECTION OF FILING RECEIPT**

Sir:

This communication is being sent in response to the "Notice of Incomplete Reply (Nonprovisional)" dated June 17, 2002 received from the PTO (copy attached) in the present case. The Initial Patent Examination Division- Customer Service Center alleges that the signatures of inventors Kevin Chen, Srikanth Santhanam and Henry Vaccaro were missing from the Response ("Missing Papers and Correction of Filing Receipt") Applicants filed on May 8, 2002. Applicants respectfully disagree with the Notice for the following reasons:

1. The Response Applicants filed on May 8, 2002 **DOES INDEED CONTAIN** the signatures of inventors Kevin Chen and Henry Vaccaro. A copy of the response of May 8 is enclosed. Please note that the signatures include those of inventors Kevin Chen and Henry Vaccaro.
2. There is **NO** inventor by the name Srikanth Santhanam. Perhaps the Office is mistaking the name of inventor Srikanth Venkatraman to be Srikanth Santhanam. The signatures enclosed include that of inventor Srikanth Venkatraman. Furthermore, a copy of the original filing receipt is enclosed to prove that there is no inventor with the name Srikanth Santhanam in this case.

Applicants, therefore, believe that no missing papers are due at this time. Additionally, since this is entirely a mistake on the part of the Office, no fee is also believed due.

Applicants request the Office to correct the mistake and timely issue a Corrected Filing Receipt.

If there are any questions, the Office is invited to contact the undersigned.

July 23, 2002  
Schering-Plough Corporation  
2000 Galloping Hill Road  
Patent Department, K-6-1,1990  
Kenilworth, NJ 07033  
Tel: (908) 298-5068  
Fax: (908) 298-5388

Respectfully submitted,

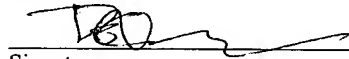


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Dr. Palaiyur S. Kalyanaraman  
Attorney for Applicants  
Reg. No. 34,634

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on July 23, 2002.

PALAIYUR S. KALYANARAMAN  
Registered Representative

  
Signature

7/23/02  
Date of Signature

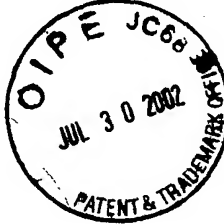


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/052,386	01/18/2002	Anil K. Saxena	IN01159K1

24265  
SCHERING-PLOUGH CORPORATION  
PATENT DEPARTMENT (K-6-1, 1990)  
2000 GALLOPING HILL ROAD  
KENILWORTH, NJ 07033-0530



CONFIRMATION NO. 5995

## FORMALITIES LETTER



\*OC000000008299668\*

Date Mailed: 06/17/2002

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on 05/20/2002 to the Notice to File Missing Parts (Notice) mailed 04/22/2002 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above -identified application.

- The signature of the following inventor(s) is missing from the oath or declaration:  
*Kevin X. Chen, Srikanth Santhanam, Henry A. Vaccaro*

*A copy of this notice MUST be returned with the reply.*

*A-6712AU*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

<b>PATENT DEPARTMENT RECEIVED</b>	
JUN 24 2002	
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Date:	6/26/02
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<input type="checkbox"/> FILE	<input type="checkbox"/> CHECK FILE

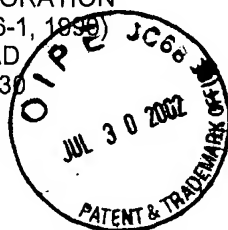


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/052,386 ✓	01/18/2002 ✓	1653	2576	IN01159K		66 ✓	15

24265

SCHERING-PLOUGH CORPORATION  
PATENT DEPARTMENT (K-6-1, 1998)  
2000 GALLOPING HILL ROAD  
KENILWORTH, NJ 07033-0530

PATENT DEPARTMENT  
RECEIVED  
APR 26 2002  
FILING RECEIPT  
ROUTE TO  
COMMENTS  
☒ COMPUTER INPUT  
☐ BZA  
☐ DEBIT NOTE ENTERED  
COMPLETED BY: [Signature]

CONFIRMATION NO. 5995



\*OC000000007922847\*

Date Mailed: 04/22/2002

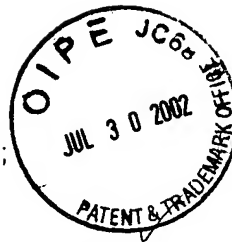
Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Anil K. Saksena, Upper Montclair, NJ; ✓  
Viyoor Moopil Girijavallabhan, Parsippany, NJ; ✓  
Raymond G. Lovey, West Caldwell, NJ; ✓  
Edwin Jao, Warren, NJ; ✓  
Frank Bennett, Piscataway, NJ; ✓  
✓ Jinping L. Mc Cormick, Edison, NJ; ✓  
✓ Haiyan Wang, Cranbury, NJ; ✓  
✓ Russell E. Pike, Stanhope, NJ; ✓  
Stephane L. Bogen, Somerset, NJ; ✓  
Tin-Yau Chan, Edison, NJ; ✓  
Yi-Tsung Liu, Morris Township, NJ; ✓  
Zhaoning Zhu, East Windsor, NJ; ✓  
F. George Njoroge, Warren, NJ; ✓  
✓ Ashok Arasappan, Bridgewater, NJ; ✓  
✓ Tejal Parekh, Mountain View, CA; ✓  
Ashit K. Ganguly, Upper Montclair, NJ; ✓  
Kevin X. Chen, Iselin, NJ; ✓  
Srikanth Venkatraman, Woodbridge, NJ; ✓  
Henry A. Vaccaro, South Plainfield, NJ; ✓  
Patrick A. Pinto, Morris Plains, NJ; ✓  
✓ Bama Santhanam, Bridgewater, NJ; ✓  
✓ Scott Jeffrey Kemp, San Diego, CA; ✓  
✓ Odile Esther Levy, San Diego, CA; ✓  
✓ Marguerita Lim-wilby, La Jolla, CA; ✓  
✓ Susan Y. Tamura, Santa Fe, NM; ✓  
Wanli Wu, Edison, NJ; ✓  
Siska Hendrata, Edison, NJ; ✓  
Yuhua Huang, Scotch Plains, NJ; ✓

Missing Parts  
Due: June 22, 2002  
(Declaration)

Jesse K. Wong, Monroe Township, NJ;  
Latha G. Nair, Scotch Plains, NJ;



**Assignment For Published Patent Application**

Schering Corporation Corvas International, Ltd.;

**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A CIP OF 09/908,955 07/19/2001

**Foreign Applications**

If Required, Foreign Filing License Granted 04/05/2002

**Projected Publication Date:** To Be Determined - pending completion of Missing Parts

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Novel peptides as NS3-serine protease inhibitors of hepatitis C virus ✓

**Preliminary Class**

514

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).





<b>PATENT DEPARTMENT RECEIVED</b>	
MAY 28 2002	
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**RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE**

Applicant: SAKSENA, et al  
Serial No.: 10/052,386 Atty: PSK/ah1  
Filed: January 18, 2002 Case No: IN01159K1-WS  
For: NOVEL PEPTIDES AS NS3-SERINE PROTEASE  
INHIBITORS OF HEPATITIS C VIRUS

**Enclosed:**

- ☐ Application papers comprising:
- ☐ Request for Filing Provisional Appln.
  - ☐ Request for Filing Patent Appln.
  - \_\_\_\_\_ pages of Specification
  - \_\_\_\_\_ pages of Claims
  - \_\_\_\_\_ pages of Abstract
  - \_\_\_\_\_ sheets of Drawing (formal/informal)
- ☒ Declaration/Power of Attorney (9 executed - 12 pg ea)  
☒ Transmittal letter (Fee Transmittal 1 pg in dupl)  
☐ Amendment (Response Transmittal - 1 page)  
☐ Notice of Appeal  
☐ Appeal Brief (in triplicate)  
☐ Petition for Extension of Time  
☐ Preliminary Amendment  
☐ Information Disclosure Statement  
☐ Form PTO 1449  
☐ References \_\_\_\_\_  
☐ Response  
☐ Issue Fee Transmittal/parts B & C  
☒ Charge to Deposit Account No. 19-0365  
in th amount of \$ 130.00  
☒ Notice to File Missing Parts (2 pages)  
☒ Filing Receipt (3 pages)  
☒ Copy of Notice to File Missing Parts (2 pages)  
Dat Mailed: May 8, 2002  
Express Mail Label No.: \_\_\_\_\_

